

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-602 REV. E OR EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-602 REV. 0

REF. TCCA STC: SH93-97

REF. FAA STC: SR01144NY

REF. EASA STC: EASA.IM.R.S.01290

PURPOSE:

FOR THE DART D350-602-011/-013/-014 HELI-UTILITY-POD TO BE COMPATIBLE WITH BAGGAGE COMPARTMENT CARGO PODS (SUCH AS EUROCOPTER SQUIRREL CHEEKS OR DART D350-600 SPACEPODS), IT IS NECESSARY TO MOVE THE D2694 OR D3322-041/-042 POD ASSEMBLY 4 INCHES OUTBOARD BY MEANS OF THE DSI-9507-011 KIT.

DESCRIPTION:

THE DSI-9507-011 KIT CAN BE PROCURED FROM DART AND CONSISTS OF QTY.(2) D4082-1 MOUNTING BRACKETS. THE D4082-1 MOUNTING BRACKETS ARE ESSENTIALLY AN ELONGATED VERSION OF THE EXISTING D2523 MOUNTING BRACKETS SUPPLIED WITH THE D350-602-011/-013/-014 KITS THAT ALLOW THE POD TO BE INSTALLED 4 INCHES OUTBOARD. THE KIT'S PARTS LIST IS SHOWN BELOW.

PROCEDURE:

FOLLOW THE INSTALLATION PROCEDURE OUTLINED IN INSTALLATION INSTRUCTIONS D350-602 REV. E OR EARLIER, REPLACING THE D2523 MOUNTING BRACKETS WITH D4082-1 MOUNTING BRACKETS. FIGURES 1 AND 2 OF THIS DART SERVICE INSTRUCTION SHOW TYPICAL INSTALLATION OF THE D350-602-011/-013/-014 FOR COMPATIBILITY WITH BAGGAGE COMPARTMENT CARGO PODS. AMEND WEIGHT AND BALANCE PER TABLE BELOW.

WEIGHT AND BALANCE

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D350-602-011/-013/-014 HELI-UTILITY-POD™ LH OR RH MODIFIED WITH DSI-9507-011	61.3 lb 27.8 kg	±55.0 in ±1.40 m	±3372 in-lb ±38.9 m-kG	135 in 3.43 m	8276 in-lb 95.4 m-kG

PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9507-011	CARGO POD COMPATIBILITY KIT
2	D4082-1	MOUNTING BRACKET

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY:

D. SHEPHERD (DE # 02)

DATE: 10.03.22

CERT. NO.: SH93-97

ISSUE NO.: 4

A	NEW ISSUE	MB	10.03.22
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9507	SHEET 1 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	CARGO POD COMPATIBILITY	NTS
DATE	10.03.22	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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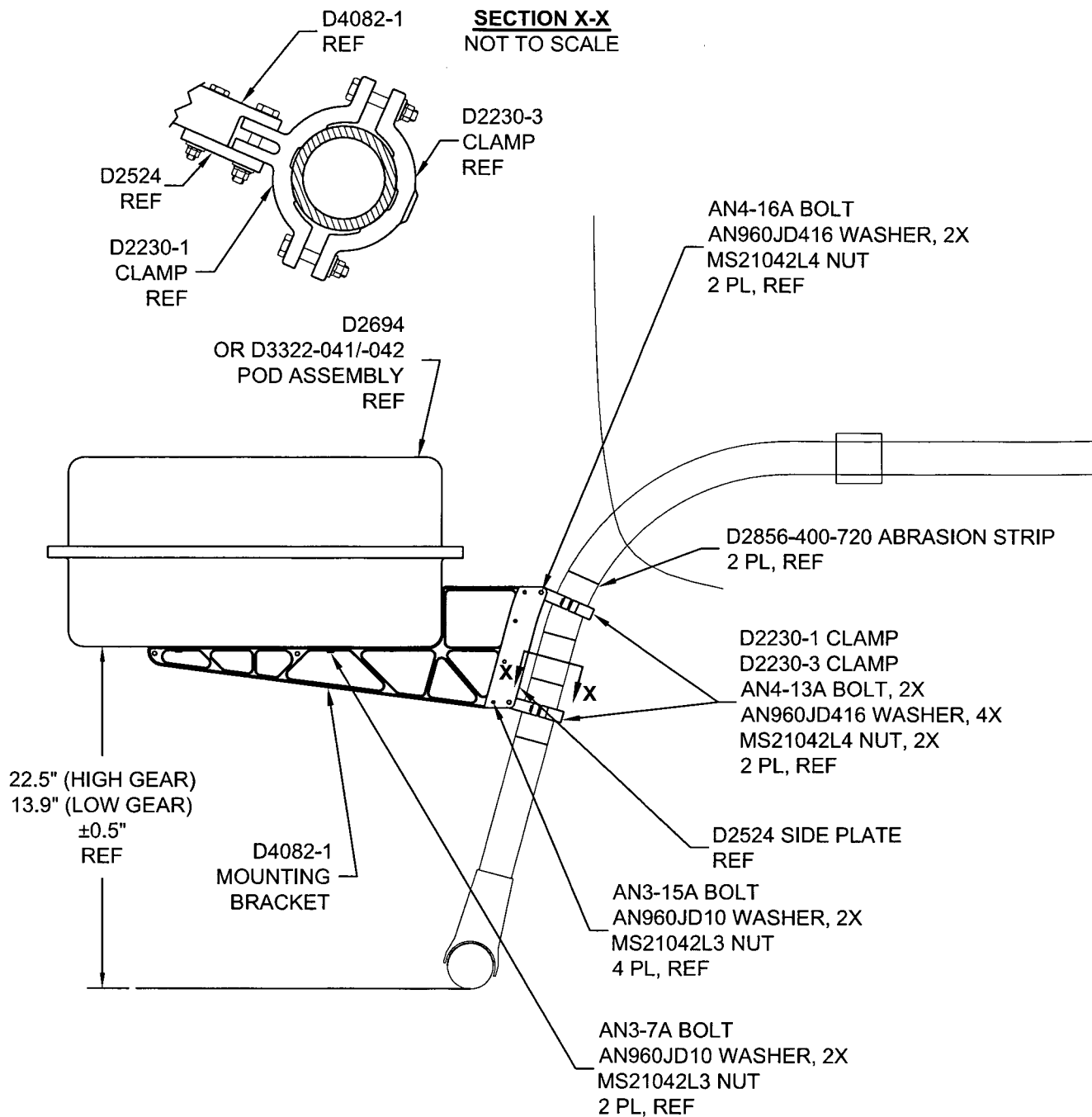


FIGURE 1 - AFT CROSTUBE ATTACHMENT
VIEW LOOKING FORWARD AT AFT CROSTUBE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

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MFG. APPR.	N/A	DSI 9507	SHEET 2 OF 3
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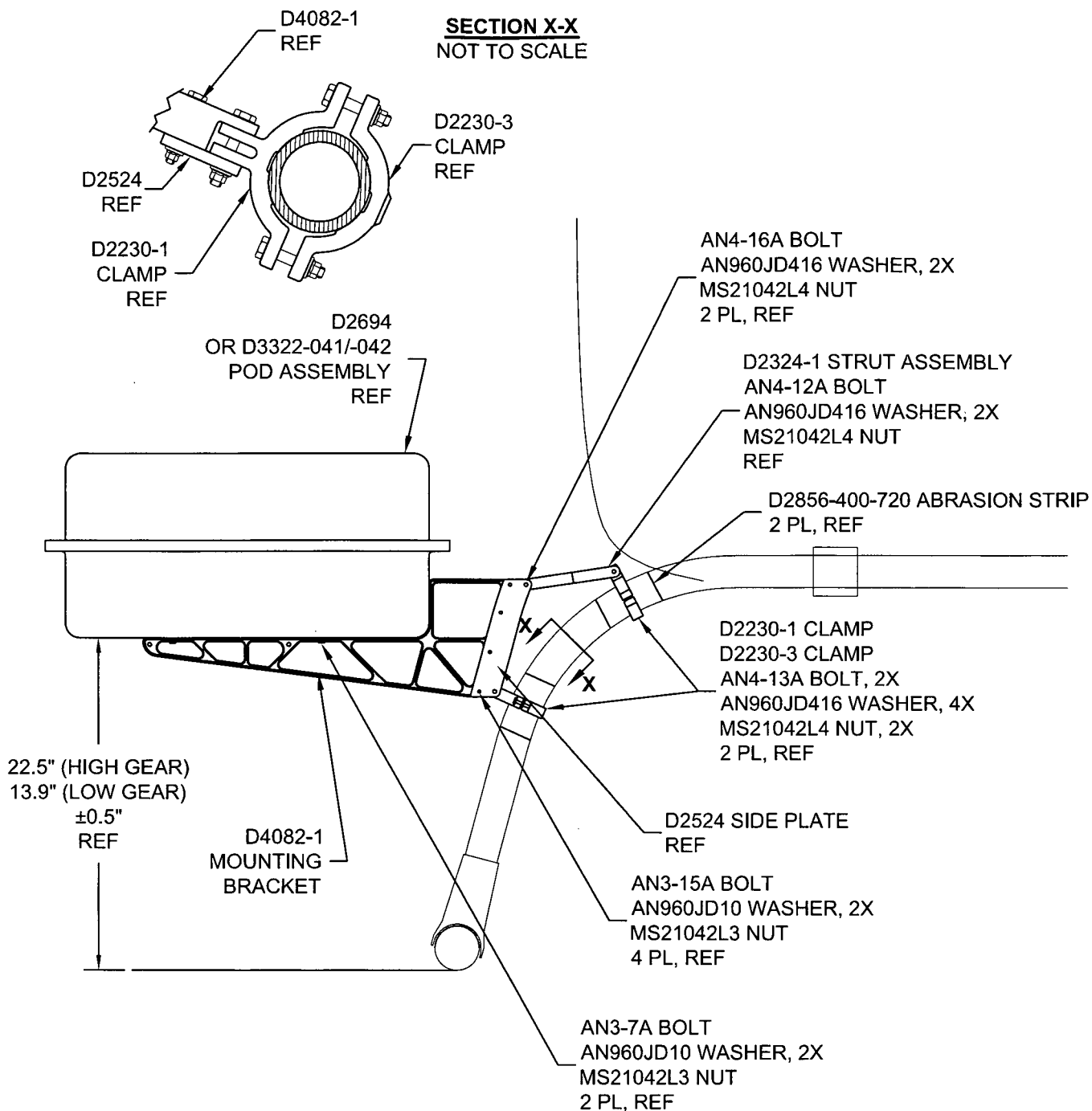


FIGURE 2 - FWD CROSSTUBE ATTACHMENT
VIEW LOOKING FORWARD AT FWD CROSSTUBE

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D. SHEPHERD (DE # 02)

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MFG. APPR.	N/A	DSI 9507	SHEET 3 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	CARGO POD COMPATIBILITY	NTS
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